

# Tropical Timber Market Report

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## Top Story

### **EU tropical hardwood log imports fall to lowest level ever**

The latest EU trade data indicates that imports of tropical hardwood logs into the region have continued to fall during the course of 2010. Overall imports during the first nine months of 2010 amounted to only 253,300 cu.m, 22% down compared to the same period in the previous year. The big decline in imports from Gabon following the country's log export ban imposed from May 2010 has been only partially offset by increasing imports from other countries in the Congo basin.

The quarterly data indicates that the cessation of Gabon as a supplier of tropical hardwood logs to the international market in the first half of 2010 did not lead to any significant increase in European imports of this commodity from other countries during the third quarter of the year. EU-25 imports of tropical hardwood logs during July to September 2010 amounted to 65,000 cu.m, almost certainly the lowest quarterly volume ever recorded and only a quarter of the level recorded 2 years before.

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## Headlines

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## Report from Central/West Africa

### Log market sustained by strong demand from China and India

The market situation remains unchanged for West and Central African logs as winter arrives earlier in Europe, hampering construction activity.

Adverse weather conditions are expected to impact on the economic situation in UK. Portugal and Spain continue to face severe financial difficulties and prospects for the timber based industries in these countries remain dull.

Nevertheless, China and India continue active buying of West and Central African logs.

Overall, log traders and exporters have had a relatively good year; with steady market situation and level of prices due to the Gabon log export ban and the log export relaxation by Cameroon and Congo Brazzaville.

### Better markets for some processed products

Sawnwood prices, especially for premier species, have made gains through the year, and remained stable in the past month.

Currently, sawnwood producers are worried that any over-production could affect prices. According to analysts, producers in the region have to accelerate efforts in achieving full certification for their products, in order to keep market shares in Europe and benefit from the recent greater interest in premier red species of sawnwood from the US market.

Markets for veneer have reportedly improved, but the trade in other value-added products has yet to show any sign of full recovery to pre-recession volumes and diversification. West and Central African manufacturers are slowly re-activating processing facilities, but as the current market is still dull, any increase in production is expected to have an adverse impact on price levels. In addition, as the winter season is slowing down business in Europe, there is little incentive for West and Central African producers to increase production.

### West Africa Log Prices

| West Africa logs, FOB                           | €/per m <sup>3</sup> |     |      |
|---|----------------------|-----|------|
| Asian market                                    | LM                   | B   | BC/C |
| Acajou/ Khaya/N'Gollon                          | 205                  | 205 | 153  |
| Ayous/Obeche/Wawa                               | 200                  | 200 | 145  |
| Azobe & Ekki                                    | 205                  | 205 | 122  |
| Belli   | 210                  | 210 | -    |
| Bibolo/Dibétou                                  | 145                  | 130 | -    |
| Bubinga   | 670                  | 570 | 430  |
| Iroko   | 260                  | 245 | 190  |
| Okoume (60% CI, 40% CE, 20% CS)<br>(China only) | 230                  | -   | -    |
| Moabi   | 280                  | 275 | 190  |
| Movingui  | 180                  | 150 | 140  |
| Niove   | 145                  | 145 | -    |
| Okan  | 320                  | 320 | -    |
| Padouk  | 375                  | 340 | 235  |
| Sapele  | 245                  | 245 | 170  |
| Sipo/Utile                                      | 270                  | 250 | 200  |
| Tali  | 275                  | 275 | -    |

## West Africa Sawnwood Prices

| West Africa sawnwood, FOB |                   | €/per m <sup>3</sup> |
|---------------------------|-------------------|----------------------|
| Abura                     | KD                | 560                  |
| Ayous                     | FAS GMS           | 300                  |
| Okoumé                    | FAS GMS           | 360                  |
|                           | FAS. fixed sizes  | 340                  |
|                           | Std/Btr GMS       | 295                  |
| Sipo                      | FAS GMS           | 470                  |
|                           | FAS fixed sizes   | -                    |
|                           | FAS scantlings    | 490                  |
| Padouk                    | FAS GMS           | 570                  |
|                           | FAS scantlings    | 585                  |
|                           | Strips            | 300                  |
| Sapele                    | FAS Spanish sizes | 390                  |
|                           | FAS scantlings    | 460                  |
| Iroko                     | FAS GMS           | 550                  |
|                           | Scantlings        | 560                  |
|                           | Strips            | 360                  |
| Khaya                     | FAS GMS           | 400                  |
|                           | FAS fixed         | 390                  |
| Moabi                     | FAS GMS           | 495                  |
|                           | Scantlings        | 440                  |
| Movingui                  | FAS GMS           | 350                  |

## Report from Ghana

### Second JMRM meeting on VPA convened

The second formal meeting on the Joint Monitoring and Review Mechanism (JMRM) of the Voluntary Partnership Agreement (VPA) was held from 15 to 18 November 2010 in Accra. The JMRM was established to facilitate the implementation of the VPA, provide recommendations for capacity building, and assess the social, economic and environmental impacts of the Agreement.

The parties discussed the progress in the implementation of the Agreement. Ghana provided an update of progress in respect of the various envisaged components for the Legality Assurance System (LAS). LAS establishes institutional and procedural arrangements to verify the legal origin of timber through a verification and licensing scheme for all commercial timber products destined for the international and domestic markets. The update indicated Ghana's progress in developing institutional arrangements to manage the LAS effectively. In this regard, the establishment of the Timber Validation Division at the Forestry Commission and the Multi-Stakeholder Implementation Committee were proposed.

The Minister of Lands and Natural Resources noted that the VPA will have an impact on livelihoods, particularly among local communities. Both the EU and Ghana have initiated studies to address these impacts and challenges. In addition, Ghana will take concrete actions to link together the Plantation Development Programme, sustainable supply of legal timber, and the Forest Law Enforcement Governance and Trade (FLEGT).

According to Ambassador Maerten representing the EU, the recent adoption of the EU legislation on illegal timber provided a significant push for Ghana and other countries negotiating the VPAs towards their full commitment. The legislation provides justification and reward to countries with VPAs and constitutes an incentive to initiate negotiations on the VPA.

Ghana became the first timber producing country to sign a VPA with the EU in November 2009. Since then, the Republic of the Congo and Cameroon have also signed VPAs, while seven other countries are currently in the negotiation process.

The next series of meetings of the JMRM will be held in Accra in June 2011.

#### Ghana Log Prices

| Ghana logs, domestic          | US\$ per m <sup>3</sup> |         |
|-------------------------------|-------------------------|---------|
|                               | Up to 80cm              | 80cm+   |
| Wawa                          | 133-145                 | 152-165 |
| Odum Grade A                  | 160-170                 | 175-185 |
| Ceiba                         | 107-114                 | 120-140 |
| Chenchen                      | 90-100                  | 105-120 |
| Khaya/Mahogany (Veneer Qual.) | 100-115                 | 120-145 |
| Sapele Grade A                | 135-150                 | 160-175 |
| Makore (Veneer Qual.) Grade A | 125-135                 | 140-166 |

#### Ghana Export Sawnwood Prices

| Ghana Sawnwood, FOB               | € per m <sup>3</sup> |            |
|-----------------------------------|----------------------|------------|
|                                   | Air-dried            | Kiln-dried |
| FAS 25-100mm x 150mm up x 2.4m up | 410                  | 480        |
| Abura/Subaha                      | 855                  | -          |
| Afrormosia                        | 500                  | 552        |
| Asanfinia                         | 215                  | 262        |
| Ceiba                             | 309                  | 385        |
| Dahoma                            | 400                  | 450        |
| Edinam (mixed redwood)            | 350                  | 420        |
| Emeri                             | 568                  | 670        |
| African mahogany (Ivorenensis)    | 520                  | 585        |
| Makore                            | 500                  | 590        |
| Niangon                           | 625                  | 695        |
| Odum                              | 545                  | 595        |
| Sapele                            | 260                  | 295        |
| Wawa 1C & Select                  |                      |            |

| Ghana sawnwood, domestic |             | US\$ per m <sup>3</sup> |
|--------------------------|-------------|-------------------------|
| Wawa                     | 25x300x4.2m | 260                     |
| Emeri                    | 25x300x4.2m | 300                     |
| Ceiba                    | 25x300x4.2m | 225                     |
| Dahoma                   | 50x150x4.2m | 284                     |
| Redwood                  | 50x75x4.2m  | 315                     |
| Ofram                    | 25x225x4.2m | 310                     |

#### Ghana Veneer Prices

| Rotary Veneer, FOB | € per m <sup>3</sup> |             |
|--------------------|----------------------|-------------|
|                    | CORE (1-1.9mm)       | FACE (<2mm) |
| Bombax             | 315                  | 350         |
| Ofram, Ogea & Otie | 318                  | 355         |
| Chenchen           | 315                  | 350         |
| Ceiba              | 310                  | 335         |
| Mahogany           | 415                  | 450         |

The above prices are for full sized panels, smaller sizes minus 15%. Thickness below 1mm would attract a 5% premium.

| Rotary Veneer, FOB Core Grade 2mm & up |  | € per m <sup>3</sup> |
|--|--|----------------------|
| Ceiba                                  |  | 274                  |
| Chenchen                               |  | 305                  |
| Ogea                                   |  | 300                  |
| Essa                                   |  | 290                  |
| Ofram                                  |  | 310                  |

| Sliced Veneer, FOB | € per sq. m |         |
|--------------------|-------------|---------|
|                    | Face        | Backing |
| Afrormosia         | 1.19        | 1.00    |
| Asanfinia          | 1.40        | 0.90    |
| Avodire            | 1.12        | 0.70    |
| Chenchen           | 1.27        | 0.70    |
| Mahogany           | 1.25        | 0.70    |
| Makore             | 1.20        | 0.75    |
| Odum               | 1.80        | 1.12    |

#### Ghana Export Plywood Prices

| Plywood, FOB<br>BB/CC | € per m <sup>3</sup> |       |           |
|-----------------------|----------------------|-------|-----------|
|                       | Ceiba                | Ofram | Asanfinia |
| 4mm                   | 370                  | 546   | 597       |
| 6mm                   | 367                  | 540   | 575       |
| 9mm                   | 307                  | 384   | 436       |
| 12mm                  | 305                  | 381   | 397       |
| 15mm                  | 281                  | 327   | 334       |
| 18mm                  | 261                  | 320   | 330       |

Grade AB/BB would attract a premium of 10%, B/BB 5%, C/CC 5% and CC/CC 10%.

#### Ghana Added Value Product Prices

| Parquet flooring 1st | FOB € per sq.m |            |         |
|----------------------|----------------|------------|---------|
|                      | 10x60mm        | 10x65-75mm | 14x70mm |
| Apa                  | 12.00          | 14.47      | 17.00   |
| Odum                 | 7.80           | 10.18      | 11.00   |
| Hyedua               | 13.67          | 13.93      | 17.82   |
| Afrormosia           | 13.72          | 18.22      | 17.82   |

Grade 2 less 5%, Grade 3 less 10%.

| Mouldings (FOB export)      |  | € per m <sup>3</sup> |
|-----------------------------|--|----------------------|
| Dahoma grade 1              |  | 492                  |
| Denya grade 1               |  | 516                  |
| Hotrohotro grade 1          |  | 580                  |
| Wawa grade 1                |  | 500↑                 |
| Wawa grade 2                |  | 428                  |
| Ekki grade 1                |  | 475                  |
| Wawabimba Laminated grade 1 |  | 750                  |

### Report from Malaysia

#### Sarawak plywood manufacturers seek certification to expand market share

Sarawak plywood mills are increasingly pursuing international certification in order to expand their share in the international plywood markets.

The Sarawak Timber Industry Development Corporation (STIDC) reported that out of 42 plywood mills operating in the state, 24 have already been certified under the Japanese Agricultural Standard (JAS), 15 under the California Air Resources Board of the California Environmental Protection Agency, and 12 under European Union standards.

In the first half of 2010, Sarawak exported 1.46 million cu.m of plywood worth RM2 billion, compared to 1.7 million cu.m valued at RM1.45 billion in the same period of 2009.

In the first half of 2010, plywood exports from Sarawak to Japan amounted to 663,710 cu.m, valued at RM939 million. The Republic of Korea was the second largest export destination for Sarawak plywood with 283,493 cu.m worth RM316 million, followed by the Middle East countries with exports totalling 174,887 cu.m worth RM224.4 million.

Other major export destinations for Sarawak plywood include Taiwan P.o.C, the US, China, Hong Kong, the Philippines, Vietnam and the EU.

In 2009, the plywood industry in Sarawak employed 9,000 workers, both foreign and local, representing 20% of the total of 45,100 workers employed by the Sarawak timber industry. The plywood sector is thus the main employer within the timber industry in Sarawak.

### Log Prices

|                     |                         |
|---------------------|-------------------------|
| Sarawak log, FOB    | US\$ per m <sup>3</sup> |
| Meranti SQ up       | 245-270                 |
| Small               | 230-260                 |
| Super small         | 230-251                 |
| Keruing SQ up       | 230-242                 |
| Small               | 216-244                 |
| Super small         | 201-227                 |
| Kapur SQ up         | 221-246                 |
| Selangor Batu SQ up | 212-246                 |

|   |                         |
|---|-------------------------|
| Pen. Malaysia logs, domestic (SQ ex-log yard) | US\$ per m <sup>3</sup> |
| DR Meranti                                    | 253-272                 |
| Balau   | 310-339                 |
| Merbau  | 341-373                 |
| Rubberwood                                    | 86-120▲                 |
| Keruing                                       | 230-246                 |

Peninsular Malaysian meranti logs are top grade and are used for scantlings for the EU. Their prices are higher than Sarawak's.

### Sawnwood Prices

|                               |                         |
|-------------------------------|-------------------------|
| Malaysia Sawnwood, FOB        | US\$ per m <sup>3</sup> |
| DR Meranti                    | 401-437                 |
| White Meranti A & up          | 292-322                 |
| Seraya Scantlings (75x125 KD) | 440-453                 |
| Sepetir Boards                | 261-283                 |
| Sesendok 25,50mm              | 352-370                 |
| Kembang Semangkok             | 314-337                 |

|                              |                         |
|------------------------------|-------------------------|
| Malaysian Sawnwood, domestic | US\$ per m <sup>3</sup> |
| Balau (25&50mm,100mm+)       | 332-352                 |
| Merbau                       | 464-516                 |
| Kempas 50mmx(75,100 & 125mm) | 268-308                 |
| Rubberwood                   |                         |
| 25x75x660mm up               | 224-274▲                |
| 50-75mm Sq.                  | 263-295▲                |
| >75mm Sq.                    | 285-314▲                |

### Plywood Prices

|                            |                         |
|----------------------------|-------------------------|
| Malaysia ply MR BB/CC, FOB | US\$ per m <sup>3</sup> |
| 2.7mm                      | 422-484                 |
| 3mm                        | 402-432                 |
| 9mm & up                   | 349-421                 |

|                             |                         |
|-----------------------------|-------------------------|
| Meranti ply BB/CC, domestic | US\$ per m <sup>3</sup> |
| 3mm                         | 346-437                 |
| 12-18mm                     | 329-358                 |

### Other Panel Prices

|                             |                         |
|-----------------------------|-------------------------|
| Malaysia, Other Panels, FOB | US\$ per m <sup>3</sup> |
| <i>Particleboard</i>        |                         |
| Export 12mm & up            | 239-262                 |
| Domestic 12mm & up          | 226-243                 |
| <i>MDF</i>                  |                         |
| Export 15-19mm              | 293-324                 |
| Domestic 12-18mm            | 283-301                 |

### Added Value Product Prices

|                          |                         |
|--------------------------|-------------------------|
| Malaysia, Mouldings, FOB | US\$ per m <sup>3</sup> |
| Selagan Batu Decking     | 553-564                 |
| Red Meranti Mouldings    |                         |
| 11x68/92mm x 7ft up      |                         |
| Grade A                  | 568-581                 |
| Grade B                  | 522-532                 |

### Furniture and Parts Prices

|   |                         |
|---|-------------------------|
| Malaysia, Rubberwood, FOB                   | US\$ per piece          |
| Semi-finished dining table                  |                         |
| solid laminated top 2.5'x4', extension leaf | 70-86▲                  |
| As above, Oak Veneer                        | 77-91▲                  |
| Windsor Chair                               | 69-71▲                  |
| Colonial Chair                              | 67-72▲                  |
| Queen Anne Chair (soft seat)                |                         |
| without arm                                 | 68-75▲                  |
| with arm                                    | 67-76▲                  |
| Chair Seat 27x430x500mm                     | 55-60▲                  |
| Rubberwood Tabletop                         | US\$ per m <sup>3</sup> |
| 22x760x1220mm sanded & edge profiled        |                         |
| Top Grade                                   | 604-634▲                |
| Standard                                    | 585-604▲                |

## Report from Indonesia

### Improved demand for Indonesian furniture in Europe and US

The approaching holiday season in Europe and the US has resulted in increased demand and orders for furniture from the city of Surakarta in Central Java, Indonesia.

According to the Surakarta branch of the Indonesian Furniture Association (Asmindo), improvement in orders began in October this year for deliveries to be made before December 2010. It is estimated that orders for the period from October to November 2010 increased by 20% over the period from January to September 2010.

In the past, some 50 furniture manufacturers in Surakarta shipped an average of 400 containers of furniture to the EU and US annually.

Sri Mulyani, the major furniture manufacturer in Surakarta noted that orders for desks and tables are also coming from Australia and Italy. Orders have been increasing since September this year.

### Log Prices (domestic)

|                                 |                         |
|---------------------------------|-------------------------|
| Indonesia logs, domestic prices | US\$ per m <sup>3</sup> |
| Plywood logs                    |                         |
| Face Logs                       | 203-246                 |
| Core logs                       | 184-217                 |
| Sawlogs (Meranti)               | 196-257                 |
| Falcata logs                    | 161-195                 |
| Rubberwood                      | 78-82▲                  |
| Pine                            | 176-217                 |
| Mahoni (plantation mahogany)    | 486-515                 |

### Sawnwood Prices

|  |                         |
|--|-------------------------|
| Indonesia, construction material, domestic | US\$ per m <sup>3</sup> |
| Kampar (Ex-mill)                           |                         |
| AD 3x12-15x400cm                           | 191-210                 |
| KD   | 210-244                 |
| AD 3x20x400cm                              | 231-254                 |
| KD   | 233-262                 |
| Keruing (Ex-mill)                          |                         |
| AD 3x12-15x400cm                           | 245-259                 |
| AD 2x20x400cm                              | 233-251                 |
| AD 3x30x400cm                              | 215-234                 |

### Plywood Prices

|                             |                         |
|-----------------------------|-------------------------|
| Indonesia ply MR BB/CC, FOB | US\$ per m <sup>3</sup> |
| 2.7mm                       | 408-465                 |
| 3mm                         | 365-406                 |
| 6mm                         | 344-386                 |

|                                |                         |
|--------------------------------|-------------------------|
| MR Plywood (Jakarta), domestic | US\$ per m <sup>3</sup> |
| 9mm                            | 266-277                 |
| 12mm                           | 258-268                 |
| 15mm                           | 247-261                 |

#### Other Panel Prices

|                                    |                         |
|------------------------------------|-------------------------|
| Indonesia, Other Panels, FOB       | US\$ per m <sup>3</sup> |
| <i>Particleboard</i> Export 9-18mm | 228-237                 |
| Domestic 9mm                       | 207-219                 |
| 12-15mm                            | 200-211                 |
| 18mm                               | 191-203                 |
| <i>MDF</i> Export 12-18mm          | 261-274                 |
| Domestic 12-18mm                   | 243-254                 |

#### Added Value Product Prices

|   |                         |
|---|-------------------------|
| Indonesia, Mouldings, FOB                 | US\$ per m <sup>3</sup> |
| Laminated Boards                          |                         |
| Falcata wood                              | 310-323                 |
| Red Meranti Mouldings 11x68/92mm x 7ft up |                         |
| Grade A                                   | 499-533                 |
| Grade B                                   | 455-477                 |

## Report from Myanmar

### Pyinkado prices trending downward

The general market situation in 2010 so far has remained unchanged from the previous year. The teak market is steady with stable prices, while pyinkado and gurjan are experiencing fluctuating demand and prices.

Pyinkado log prices reached as high as US\$1000 per Hoppus ton for large girths, but towards the end of the year prices retreated to US\$850 per Hoppus ton. Buyers complain that sizes of pyinkado logs are getting smaller and supply is short.

### Teak from plantations on the rise

Expensive timbers such as padauk, tamalan and thinwin are no longer available in substantial quantities.

Myanmar teak is of superior quality as it is sourced from natural forests. This is an advantage that keeps it in demand. However, teak grades and girths have declined over the years. Experts are worried that the situation for teak will be the same as those for padauk and tamalan.

The Timber Merchants Association has suggested that timber extraction might be reduced in the coming year. However, the Myanmar Timber Enterprise (MTE) has yet to confirm this and the harvest quota for the next year is still pending.

Some experts suggest that the harvest quota will remain more or less unchanged. Teak plantations are expected to expand but plantation teak is of no comparison to naturally grown teak in terms of hardness, beauty, durability and stability.

### Myanmar urged to reduce log production and export more value-added products

According to a report on the assessment of Myanmar timber utilisation, sawn teak was the main export from 1856 to 1940. It was estimated that 37 million cubic tons of teak logs and 39 million cubic tons of other hardwood logs were extracted from 1856 to 2006.

From 1936 to 1941, exports of teak logs accounted for only 1% of the total teak exports. The average annual of teak log exports was 2,397 cubic tons during the period. Between 1955 and 1956, Europe and Japan began producing veneer resulting in the share of teak log exports increasing to 22% of the total, with the balance of exports accounted by sawn teak. Most of the exported teak logs were grade 4 and higher and mainly for veneer production.

India as the largest importer ceased imports of teak from Myanmar from 1963 to 1983, but resumed purchasing after 1983. India that used to buy teak squares, has shifted to procuring more low grade teak logs.

### Evolution of teak exports from Myanmar (% of the total teak exports)

| Year         | Teak logs % | Teak sawnwood % |
|--------------|-------------|-----------------|
| 1936 to 1941 | 1           | 99              |
| 1954 to 1964 | 22          | 78              |
| 1993 to 2003 | 89          | 11              |
| 2004 to 2008 | 94          | 6               |

Myanmar's forest policy is to reduce log exports and increase production of value-added wood products. According to experts, Myanmar should reduce log production to mitigate climate change and degradation and promote exports of more value-added products.

### Myanmar log prices (natural forest logs)

| Teak Logs, FOB        | € Avg per Hoppus Ton<br>(traded volume) |                     |
|-----------------------|---|---------------------|
| <i>Veneer Quality</i> | <u>Oct</u>                              | <u>Nov</u>          |
| 2nd Quality           | nil                                     | nil                 |
| 3rd Quality           | 6,219<br>(4 tons)                       | nil                 |
| 4th Quality           | 4,671<br>(10 tons)                      | 4,609<br>(10 tons)  |
| <i>Sawing Quality</i> |   |                     |
| Grade 1 (SG-1)        | 2,670<br>(33 tons)                      | 3,004<br>(35 tons)  |
| Grade 2 (SG-2)        | 2,622<br>(38 tons)                      | 2,462<br>(41 tons)  |
| Grade 4 (SG-4)        | 1,641<br>(218 tons)                     | 1,753<br>(217 tons) |
| Grade 5 (SG-5)        | 1,338<br>(37 tons)                      | 1,135<br>(84 tons)  |
| Assorted              |   |                     |
| Grade 6 (SG-6)        | 1,169<br>(100 tons)                     | 1,054<br>(138 tons) |
| Domestic              |   |                     |
| Grade 7 (ER-1)        | 821<br>(169 tons)                       | 821<br>(169 tons)   |

Hoppus ton=1.8m<sup>3</sup>; All grades, except SG-3/5/6, are length 8' x girth 5' & up. SG-3/4/6 are girth 4' & up. SG-3 grade is higher than SG-4 but with lower girth and price. Prices differ due to quality or girth at the time of the transaction.



## Report from India

### Robust economic growth sustained in second quarter

In the second quarter of the fiscal year 2010-2011, the manufacturing and construction sectors grew 8.9% and 8.8% respectively, enabling economic growth to exceed the forecast of 8.2% growth for the period. The agricultural sector grew 4.4% over the same period last year due to the favourable monsoon season, according to the Central Statistical Organization.

In the second quarter of the fiscal year 2010-2011, exports grew sharply by 21.6% compared to the same period last year.

### India targets forest cover of 33% of land area by 2020

India targets 10 million hectares of land more under forest cover by 2020. The announcement was made by the Director General of Forest Department in New Delhi, during the Indira Priyadarshini Vriksha Mitra (IPVM) awards given for afforestation and wasteland development efforts.

The forest cover in India is currently 23% of the total land area and the plan is to expand it to 33% within the next ten years. Better soil and water conservation and afforestation efforts will result in expanding agriculture, less migration to cities and improved livelihoods.

The efforts of the government of India are supplemented by plantations of poplar, eucalyptus, casuarinas, semul, gmelina among others species, in order to improve raw material supply for the paper, plywood and panel industries. NGOs are establishing plantations for fruit and medicinal plants including mango, tamarind and ebony. Established plantations of eugenia, mimusops, subabul, sissoo, neem and acacia provide timber for the construction and furniture industries.

### Teak log import statistics

The following table presents teak log imports from different countries through Kandla port in the period April 2010 – October 2010.

### Teak imports through Kandla port in the period April 2010 – October 2010

| April 2010 – October 2010 | m <sup>3</sup> |
|---------------------------|----------------|
| Benin                     | 14,726         |
| Brazil                    | 2,351          |
| Costa Rica                | 14,881         |
| Ivory Coast               | 48,402         |
| Ecuador                   | 22,996         |
| El-Salvador               | 4,295          |
| Ghana                     | 40,439         |
| Myanmar                   | 32,738         |
| Nigeria                   | 4,579          |
| Panama                    | 15,776         |
| Sudan                     | 5,338          |
| Tanzania                  | 10,064         |
| Togo                      | 3,604          |
| Other countries (13)      | 2,764          |
| <b>TOTAL</b>              | <b>222,953</b> |

Source: Kandla Timber Association

### CNF Plantation Teak

|                    | US\$ per m <sup>3</sup> |
|--------------------|-------------------------|
| Tanzania Teak sawn | 450-750                 |
| Côte d'Ivoire logs | 475-650                 |
| PNG logs           | 500-550                 |
| El-Salvador logs   | 315-450                 |
| Guatemala logs     | 300-450                 |
| Nigeria squares    | 310-500                 |
| Ghana logs         | 350-700                 |
| Guyana logs        | 350-450                 |
| Benin logs         | 350-800                 |
| Benin sawn         | 450-650                 |
| Brazil squares     | 325-550                 |
| Brazil sawn        | 450-650                 |
| Burkina Faso logs  | 350-450                 |
| Columbia logs      | 365-600                 |
| Togo logs          | 350-500                 |
| Ecuador logs       | 315-400                 |
| Costa Rica logs    | 350-500                 |
| Panama logs        | 315-400                 |
| Sudan logs         | 450-600                 |
| Venezuela logs     | 360-500                 |

Variations exist based on lengths and average girths of logs in a parcel. Prices also vary with measurement allowances given for bark and sap in different countries of origin.

### India Sawnwood Prices (domestic)

| Sawnwood (Ex-mill)      | Rs. per ft <sup>3</sup> |
|-------------------------|-------------------------|
| Myanmar Teak (AD)       |                         |
| Export Grade F.E.Q.     | 5200-6500               |
| Plantation Teak A grade | 2500-3800               |
| Plantation Teak B grade | 2000-2800               |
| Plantation Teak C grade | 1500-1800               |

### India Sawnwood Prices (imports)

| Sawnwood, (Ex-mill) (AD)      | Rs. per ft <sup>3</sup> |
|-------------------------------|-------------------------|
| Merbau                        | 1300                    |
| Balau                         | 1250                    |
| Kapur                         | 900                     |
| Red Meranti                   | 650                     |
| Bilinga                       | 650                     |
| Radiata Pine (AD)             | 340-350                 |
| Sawnwood, (Ex-warehouse) (KD) | Rs. Per ft <sup>3</sup> |
| Beech                         | 1100                    |
| Sycamore                      | 1250                    |
| Oak wood                      | 1400                    |
| American Walnut               | 1850                    |
| Hemlock clear grade           | 1000                    |
| Hemlock AB grade              | 850                     |
| Western Red Cedar             | 1350                    |

### India Plywood Prices

| Plywood, (Ex-warehouse) (MR Quality) | Rs. per sq.ft |
|--------------------------------------|---------------|
| 4 mm                                 | 30.8          |
| 6 mm                                 | 43.4          |
| 12 mm                                | 58.6          |
| 15 mm                                | 70.0          |
| 18 mm                                | 84.4          |

| Locally Manufactured Plywood "Commercial Grade" | Rs. per sq.ft |           |
|---|---------------|-----------|
|   | Rubberwood    | Hardwood  |
| 4mm   | Rs.10.50      | Rs.18.00↓ |
| 6mm   | Rs.15.20      | Rs.26.30↓ |
| 8mm   | Rs.19.20      | Rs.29.40  |
| 12mm  | Rs.23.40      | Rs.31.60  |
| 19mm  | RS.29.40      | Rs.42.50  |
| 5mm Flexible ply                                | Rs.19.50      | Rs.23.50  |

## Report from Brazil

### IBAMA meets 2010 deforestation reduction targets

The Brazilian Institute for Environment and Renewable Natural Resources (IBAMA) achieved the targets set for 2010 in the fields of environmental control and enforcement actions. The evaluation was made in preparation of the Annual National Plan for Environmental Protection (PNAP) for 2011.

The main indicator for IBAMA's work on combating forest fires and illegal forest activities is the deforestation rate. It is estimated that the annual deforestation will be reduced to 6,450 square kilometers in 2010, a 14% decrease over the previous year and the lowest in the last 20 years.

### Brazilian forest production expanded in 2009

Juara municipality in the state of Mato Grosso is the largest roundwood producer in the country, accounting for 4.5% of the total national roundwood production. According to the Institute of Geography and Statistics (IBGE), 688,920 cu.m of roundwood was produced in Juara in 2009.

In 2009, the Brazilian roundwood production totalled 122.15 million cu.m. Out of the total 87.5% came from forest plantations and 12.5% from natural forests. Among the states, the largest timber producer is the state of Pará with annual production of 5.97 million cu.m of roundwood accounting for 39.2% of the national total, followed by Mato Grosso with 3.92 million cu.m (25.7%), and Rondônia with 1.35 million cu.m (8.9%).

In 2009, the total production value of plantation forests and natural forests was BRL13.6 billion. A share of 66.4% came from plantation forests and 33.6% from natural forests, while in 2008 the shares were 69.3% and 30.7% respectively. Timber production from natural forests amounted to 15.2 million cu.m in 2009, up 7.9% from 2008. The production value of natural forests totalled BRL4.6 billion in 2009; BRL3.9 billion came from timber production and BRL685 million from non-timber production.

### Balsa wood production in Mato Grosso

A Swiss company visited Mato Grosso in order to procure Brazilian wood for wind turbine propeller manufacturing. The Swiss company is globally one of the largest distributors of balsa wood (Ochroma pyramidale), and in addition to propellers, balsa wood is used for insulation, crafts, rafts, paper and furniture among others.

In the state of Mato Grosso, the planted balsa wood area totals 3,700 hectares which is managed by 105 producers. First harvests of balsa wood plantations are made at age of 3-4 years when trees reach the height of 20 meters and 35 cm in diameter. Currently, 20% of the total balsa wood plantation area is ready for harvests while the balance is less than 2 years old plantation trees. There is no processing industry for balsa wood in the state and thus it is sold as roundwood.

The Corporation for Agricultural Research, Technical Assistance, and Rural Extension of Mato Grosso (EMPAER) has been carrying out research on balsa wood during the past five years analysing growth data and production costs for marketing purposes. EMPAER together with Embrapa (Brazilian Agricultural Research Corporation) are conducting research on characteristics of balsa wood to meet higher standards and commercial value.

### Timber production levels off in November

The state of São Paulo is the major market for timber from natural forests. The market in São Paulo remained steady in November 2010, while only few changes were registered. In the region of Bauru municipality, an average price of jatoba panel increased 0.95%. Prices of peroba rosa panel fell 0.38% in Bauru and 2.08% in Marília. For the regions of Itapeva, Campinas and Sorocaba average prices of timber products remained unchanged.

In Pará state, November prices of timber products were also stable. Only maçaranduba panel average price declined 0.56%.

In November 2010, the total Brazilian timber, pulp and paper export value amounted to US\$729 million, down 1.9% from October 2010 with US\$743 million. For Brazilian timber exports, the export value totalled US\$156.9 million, decreasing 5% from US\$165.3 million exported in October 2010.

### Brazil Log Prices (domestic)

| Brazilian logs, mill yard, domestic | US\$ per m <sup>3</sup> |
|-------------------------------------|-------------------------|
| Ipê                                 | 156                     |
| Jatoba                              | 112                     |
| Guariuba                            | 73                      |
| Mescla (white virola)               | 81                      |

### Brazil Export Sawnwood Prices

| Sawnwood, Belem/Paranagua Ports, FOB | US\$ per m <sup>3</sup> |
|--------------------------------------|-------------------------|
| Jatoba Green (dressed)               | 850                     |
| Cambara KD                           | 504                     |
| Asian Market (green)                 | Guariuba 273            |
|                                      | Angelim pedra 655       |
|                                      | Mandioqueira 241        |
| Pine (AD)                            | 199                     |

| Brazil sawnwood, domestic (Green) | US\$ per m <sup>3</sup> |
|-----------------------------------|-------------------------|
| Northern Mills (ex-mill)          | Ipê 753                 |
|                                   | Jatoba 577              |
| Southern Mills (ex-mill)          | Eucalyptus (AD) 201     |
|                                   | Pine (KD) 1st grade 256 |

### Brazil Veneer Prices

| Veneer, Export (Belem/Paranagua Ports) FOB | US\$ per m <sup>3</sup> |
|--|-------------------------|
| White Virola Face 2.5mm                    | 297                     |
| Pine Veneer (C/D)                          | 209                     |

| Rotary cut Veneer, domestic | US\$ per m <sup>3</sup> |
|-----------------------------|-------------------------|
| (ex-mill Northern Mill)     | Face Core               |
| White Virola                | 273 226                 |

**Brazil Plywood Prices**

|                                 |                         |
|---------------------------------|-------------------------|
| Plywood, FOB                    | US\$ per m <sup>3</sup> |
| White Virola (US Market)        |                         |
| 5.2mm OV2 (MR)                  | 450                     |
| 15mm BB/CC (MR)                 | 391                     |
| White Virola (Caribbean market) |                         |
| 4mm BB/CC (MR)                  | 520                     |
| 12mm BB/CC (MR)                 | 419                     |

|                             |                         |
|-----------------------------|-------------------------|
| Pine Plywood EU market, FOB | US\$ per m <sup>3</sup> |
| 9mm C/CC (WBP)              | 277                     |
| 15mm C/CC (WBP)             | 259                     |
| 18mm C/CC (WBP)             | 246                     |

|   |                         |
|---|-------------------------|
| Plywood, domestic (ex-mill Southern mill) | US\$ per m <sup>3</sup> |
| Grade MR (B/BB) White Virola 4mm          | 962                     |
| White Virola 15mm                         | 700                     |

Domestic prices include taxes and may be subject to discounts.

**Other Brazil Panel Prices**

|  |                         |
|--|-------------------------|
| Belem/Paranagua Ports, FOB               | US\$ per m <sup>3</sup> |
| Blockboard Pine 18mm 5 ply (B/C)         | 312                     |
| Domestic Prices, Ex-mill Southern Region |                         |
| Blockboard White Virola faced 15mm       | 591                     |
| Particleboard 15mm                       | 383                     |

**Brazil Added Value Products**

|                           |                         |
|---------------------------|-------------------------|
| FOB Belem/Paranagua Ports | US\$ per m <sup>3</sup> |
| Edge Glued Pine Panel     |                         |
| Korean market (1st Grade) | 625                     |
| US Market                 | 493                     |
| Decking Boards Cambara    | 621                     |
| Ipê                       | 1,638                   |

**Report from Peru****October wood product exports dropped significantly**

The Export Association of Peru (ADEX) has reported that October 2010 exports of wood products were US\$ 12.3 million, down 19% from the levels in October 2009. Year-to-date exports totalled US\$141 million, representing a 20% growth from the same period last year.

Three biggest buyers were China, the US and Mexico, together accounting for 78% of the total export volume. In October, Sweden increased imports of sawnwood, plywood and decking materials compared to last year. Columbia increased imports while Venezuela and the US reduced their wood product imports significantly from last year, by 50% and 45% respectively.

**Main items of wood product exports**

In the period from January to October 2010, the main exported items were semi-manufactured products with a 45% share of the total wood product export volume. The exports totalled US\$64 million, representing a 31% increase over the same period of 2009.

Semi-manufactured products were exported mainly to China which accounted for 78% of the total exports in the period. Swedish and Israeli importers substantially increased their purchases of semi-manufactured products in October.

Sawnwood exports made up 35% of the total exports. In the period from January to October 2010, sawnwood exports totalled US\$49 million, up 12% over the same

period last year. The main destination was China with a 34% share of the total sawnwood exports.

Veneer and plywood exports in January – October valued at US\$13.2 million, an increase of 9% over the same period last year. Veneer and plywood are exported mainly to Mexico which accounted for 93% of total exports.

In the period from January to October 2010, exports of furniture and its parts were valued at US\$5.5 million, representing a 8% decline compared to the same period last year. The US is the main market for furniture accounting for 52% of the total exports. During the period, exports to the US and Chile collapsed compared to last year, down 58% and 32% respectively.

**Heavy fines imposed on illegal logging**

The Ministry of Agriculture of Peru announced a total of US\$750 million to levy fines collected on transportation and trade of illegally harvested timber without the documentations required in the Forest law.

According to the General Directorate of Forestry and Wildlife Fauna (DGFFS), any timber products without required documentation will be seized, as well as tools and machinery used in illegal activities. If a concession holder is suspected of any violation of law, all activities, licences and permits will be suspended from the time of investigation till the final decision.

**Peru's natural forest cover is second largest in South America**

With a total natural forest area of 68.7 million hectares, Peru has the second largest natural forest area in South America after Brazil and ninth largest in the world, according to the Agricultural Ministry (Minag). Most of the forest area in Peru is in the Amazon, accounting for 94%, followed by coastal forests (4.6%), and highland forests (1.3%).

The total reforested area stands at 0.9 million hectares in the country. The estimated total forest plantation area is 40,000 hectares, mainly located in La Libertad, Cajamarca, Cusco, Apurimac and Ancash. The potential area for reforestation in Peru is more than 10.5 million hectares which is a good opportunity to expand the forest plantation area, say an analyst.

**Strategic Agenda for Amazonian Cooperation**

Eight member countries of the Cooperation Treaty Organization (OTCA), namely Venezuela, Bolivia, Brazil, Colombia, Ecuador, Guyana, Suriname and Peru met in Lima in the last week of November. Countries signed the Declaration of Lima targeted at achieving a balance between the extraction of Amazonian natural resources and the conservation.

During the meeting, the Strategic Agenda for Amazonian Cooperation was designed, an effort to agree on guidelines for the short, medium and long term sustainable development and cooperation in the Amazon.



### Peru Sawnwood Prices

|  |                         |
|--|-------------------------|
| Peru Sawnwood, FOB Callao Port                       | US\$ per m <sup>3</sup> |
| Mahogany S&B KD 16%, 1-2" random lengths (US market) | 1655-1702               |
| Spanish Cedar KD select                              |                         |
| North American market                                | 918-922                 |
| Mexican market                                       | 897-921                 |
| Pumaquiro 25-50mm AD Mexican market                  | 532-586                 |

|   |                         |
|---|-------------------------|
| Peru Sawnwood, FOB Callao Port (cont.)          | US\$ per m <sup>3</sup> |
| Virola 1-2" thick, length 6'-13' KD             |                         |
| Grade 1, Mexican market                         | 321-339                 |
| Grade 2, Mexican market                         | 259-269                 |
| Cumaru 4" thick, 6'-11' length KD               |                         |
| Central American market                         | 831-855                 |
| Asian market                                    | 798-866↓                |
| Ishpingo (oak) 2" thick, 6'-8' length           |                         |
| Spanish market                                  | 509-549                 |
| Dominican Republic                              | 558-569                 |
| Marupa (simarouba) 1", 6-11 length Asian market | 359-382                 |

|  |                         |
|--|-------------------------|
| Peru Sawnwood, FOB Iquitos             | US\$ per m <sup>3</sup> |
| Spanish Cedar AD Select Mexican market | 887-909                 |
| Virola 1-2" thick, length 6'-13' KD    |                         |
| Grade 1, Mexican market                | 312-339                 |
| Grade 2, Mexican market                | 259-269                 |
| Grade 3, Mexican market                | 139-156                 |
| Marupa (simarouba) 1", 6-13 length KD  |                         |
| Grade 1, Mexican market                | 216-235                 |

|                         |                         |
|-------------------------|-------------------------|
| Peru sawnwood, domestic | US\$ per m <sup>3</sup> |
| Mahogany                | 879-911                 |
| Virola                  | 51-69                   |
| Spanish Cedar           | 259-311                 |
| Marupa (simarouba)      | 59-72                   |

### Peru Veneer Prices

|                    |                         |
|--------------------|-------------------------|
| Veneer FOB         | US\$ per m <sup>3</sup> |
| Lupuna 3/Btr 2.5mm | 191-212                 |
| Lupuna 2/Btr 4.2mm | 203-217                 |
| Lupuna 3/Btr 1.5mm | 211-221                 |

### Peru Plywood Prices

|  |                         |
|--|-------------------------|
| Peru plywood, FOB (Mexican Market)         | US\$ per m <sup>3</sup> |
| Copaiba, 2 faces sanded, B/C, 15x4x8mm     | 318-347                 |
| Virola, 2 faces sanded, B/C, 5.2x4x8mm     | 396-402                 |
| Cedar fissilis, 2 faces sanded 4x8x5.5mm   | 733-744                 |
| Lupuna, treated, 2 faces sanded, 5.2x4x8mm | 363-385                 |
| Lupuna plywood B/C 15x4x8mm                | 353-365                 |
| B/C 9x4x8mm                                | 345-350                 |
| B/C 12x4x8mm                               | 350-360                 |
| B/C 8x4x15mm                               | 396-408                 |
| C/C 4x8x4mm                                | 380-388                 |
| Lupuna plywood B/C 8x4x4mm Central Am.     | 368-388                 |

|  |                         |
|--|-------------------------|
| Lupuna Plywood BB/CC, domestic (Iquitos mills) | US\$ per m <sup>3</sup> |
| 122 x 244 x 4mm                                | 441                     |
| 122 x 244 x 6mm                                | 397                     |
| 122 x 244 x 8mm                                | 409                     |
| 122 x 244 x 12mm                               | 399                     |
| (Pucallpa mills)                               |                         |
| 122 x 244 x 4mm                                | 458                     |
| 122 x 244 x 6mm                                | 439                     |
| 122 x 244 x 8mm                                | 430                     |
| 122 x 244 x 12mm                               | 429                     |

### Other Peru Panel Prices

|                              |                         |
|------------------------------|-------------------------|
| Peru, Domestic Particleboard | US\$ per m <sup>3</sup> |
| 1.83m x 2.44m x 4mm          | 282                     |
| 1.83m x 2.44m x 6mm          | 230                     |
| 1.83m x 2.44m x 12mm         | 204                     |

### Peru Added Value Product Prices

|  |                         |
|--|-------------------------|
| Peru, FOB strips for parquet               | US\$ per m <sup>3</sup> |
| Cabreuva/estoraque KD12% S4S, Asian market | 1277-1376               |
| Cumaru KD, S4S Swedish market              | 797-920                 |
| Asian market                               | 933-998↓                |
| Cumaru decking, AD, S4S E4S, US market     | 949-1139                |
| Pumaquiro KD # 1, C&B, Mexican market      | 423-511                 |
| Quinilla KD, S4S 2x10x62cm, Asian market   | 477-503↓                |
| 2x13x75cm, Asian market                    | 708-768                 |

## Report from Guyana

### Demand from Asia drives timber prices up

During the period under review, there were no exports of greenheart logs. On the other hand, purpleheart logs achieved favourable prices for all qualities (standard, fair and small) with the major destination being the Asian market. Mora log prices remained relatively stable in this fortnight period, however, prices for small sawmill quality gained slightly.

For sawnwood, undressed greenheart prices gained for the select quality. Undressed mora prices continued to hold, as well as prices for dressed greenheart. Prices for dressed purpleheart gained slightly in the period under review.

In the period under review, Guyana's Washiba (Ipe) attracted a higher price average at \$US1,800 per cu.m with the main export destination being the US market.

Roundwood, including both piles and posts, showed favourable prices in this fortnight period with the main destinations being Europe and the Caribbean. Average prices for splitwood inched up to \$US1,000 per cu.m.

For the period under review, value-added products made notable contributions to total export earnings. The major exported products were handicrafts, mouldings, wooden utensils and ornaments with the main destination being the Caribbean. Crabwood (Andiroba) was one of the main species used for the production of these value-added products.

### Second kiln drying facility commissioned in Guyana

On 29 November 2010, the second GYD20 million kiln drying complex was opened in Crabwood Creek, Berbice. The facility was commissioned under the ITTO funded project "Value adding and kiln drying of commercial timbers by small scale community saw millers in Guyana" being implemented by the Guyana Forestry Commission. The first kiln drying facility was commissioned in the beginning of November in Essequibo Coast.

Export markets for lumber can attract a market price of \$US1,000 per cu.m, compared to about \$US600 per cu.m currently received by exporters. Kiln drying prevent stains and degradation of wood. In addition, the weight of dried wood is lower. Kiln dried sawnwood is mostly utilised by the furniture manufacturing sector.

### Guyana Log Prices

| Logs, FOB Georgetown |  | SQ - \$ Avg unit value per m <sup>3</sup> |      |       |
|----------------------|--|---|------|-------|
|                      |  | Std                                       | Fair | Small |
| Greenheart*          |  | -   | -    | -     |
| Purpleheart          |  | 230-260↑                                  | 245↑ | 230↑  |
| Mora                 |  | -   | 135↑ | 120↑  |

\*Small SQ is used for piling in the USA and EU. Price depends on length.

### Guyana Sawnwood Prices

| Sawnwood, FOB Georgetown |              | \$ Avg unit val. per m <sup>3</sup> |           |
|--------------------------|--------------|-------------------------------------|-----------|
| EU and US markets        |              | Undressed                           | Dressed   |
| Greenheart               | Prime        | -                                   | -         |
|                          | Standard     | -                                   | 649-1350↓ |
|                          | Select       | 575-1060                            | -         |
|                          | Sound        | 535↓                                | -         |
|                          | Merchantable | 575                                 | -         |
| Purpleheart              | Prime        | -                                   | -         |
|                          | Standard     | -                                   | 700-827↓  |
|                          | Select       | 657↓                                | -         |
|                          | Sound        | -                                   | -         |
|                          | Merchantable | -                                   | -         |
| Mora                     | Prime        | -                                   | -         |
|                          | Select       | 500                                 | -         |
|                          | Sound        | -                                   | -         |
|                          | Merchantable | 400↓                                | -         |

### Guyana Plywood Prices

| Plywood, FOB Georgetown Port |         | \$ Avg unit val. per m <sup>3</sup> |   |
|------------------------------|---------|-------------------------------------|---|
| Baromalli                    | BB/CC   | 5.5mm                               | - |
|                              |         | 12mm                                | - |
|                              | Utility | 5.5mm                               | - |
|                              |         | 12mm                                | - |

## Report from Japan

### Imported log prices trending upwards

Prices of logs have been climbing during the whole year due to active buying from Indian traders in Sarawak and Chinese traders in Sabah. Especially for kapur and keruing logs in Sabah, supply was short of demand, driving prices up. In addition, Vietnam and Pakistan are joining the market pushing up demand. The rainy season is expected to further curtail log supply, reports the Japanese Lumber Reports (JLR).

According to the JLR, log shortages at the ports in Malaysia are severe and many ships are waiting for cargos. This, in turn is driving up demurrage and total shipping costs. Shipping companies are now asking US\$47-48 per cu.m, up US\$1 per cu.m from November. According to importers, loading time is normally one week, but due to log shortages it is currently 10-14 days.

In Sabah, log export prices at Tawau port for mix serayah logs are at US\$230-235 per cu.m FOB, up US\$5-7 per cu.m from November. White serayah log prices fetched US\$250 per cu.m FOB. Kapur prices gained US\$5 per cu.m from a month ago to US\$275-280 per cu.m FOB, while keruing log prices jumped US\$20 per cu.m to US\$260 per cu.m FOB. Keruing log prices for sawnwood (70-80 cm & up) fetched US\$275-285 per cu.m FOB.

In Sarawak, meranti regular log export prices at Tanjongman port are at US\$245 per cu.m FOB, gaining US\$10 per cu.m from a month ago and US\$65 per cu.m (up 27%) from the beginning of the year. Small meranti prices are at US\$210 per cu.m FOB, up US\$70 per cu.m (up 34%) from the beginning of the year, however, current asking prices are closer to US\$215 per cu.m. Kapur log prices are at US\$300 per cu.m FOB.

According to JLR, the Japanese market for hardwood logs is firming after frenetic buying due to the strong Yen in recent months. In addition, some manufacturers have been rebuilding their stocks ahead of the rainy season in producer countries. Currently, the appreciation of Yen has eased but CIF prices have trended upwards since early November.

Plywood mills in Japan utilising imported tropical hardwood logs have maintained their reduced production levels at around 70% of full capacity for more than a year.

In Japan, CIF prices gained Yen 100 from November to Yen 7,200-7,300 per koku for Sarawak meranti regular logs and to Yen 6,100-6,200 per koku for small meranti logs. Super small meranti log prices stood at Yen 5,800-5,900 per koku, unchanged from November.

### Sharp fall of plywood imports from Malaysia

According to JLR, plywood consumption in Japan during October was 452,600 cu.m, down 8.9% from October 2009, and 9.4% less than recorded in September 2010.

October plywood imports amounted to 223,800 cu.m, the lowest level this year and around 40,000 cu.m less than the monthly average during 2010. The major cause for the overall fall is that plywood imports from Malaysia plummeted 42% compared to October last year. According to JLR, the main factors for the curtailed plywood supply are the log shortage and the appreciation of Malaysian currency against the US dollar.

However, October plywood imports from Indonesia amounted to 72,000 cu.m, up 20.4% compared to October last year.

### October and year-to-date plywood imports

|               | October 2010<br>(cu.m) | % change on<br>October-09 | Jan-October<br>2010 (cu.m) | % change Jan-<br>October 2009<br>to 2010 |
|---------------|------------------------|---------------------------|----------------------------|--|
| Malaysia      | 94,000                 | -42                       | 1,299,000                  | 3.3                                      |
| Indonesia     | 72,000                 | 20.4                      | 746,000                    | 4.4                                      |
| China         | 47,000                 | 11.8                      | 492,000                    | 54.3                                     |
| New Zealand   | 1,000                  | 63.9                      | 34,000                     | 37.6                                     |
| Canada        | -                      | -                         | 3,000                      | 11.2                                     |
| Others        | 6,000                  | 79.5                      | 60,000                     | 100.6                                    |
| Total imports | 223,000                | 18.5                      | 2,637,000                  | 12.1                                     |

Source: JLR

### October housing starts improving from last year

Total housing starts in Japan during October were 71,390, up 6.4% from October last year. The number of housing starts has increased for the fifth consecutive month this year, reports JLR. However, October 2010 starts are still the second lowest ever recorded for the month of October. Owner's units and units built for sale showed some increases compared to last year, but housing starts for rental units fell.

The seasonally adjusted housing starts fell from September 2010 by 2.9% to 813,000 in October 2010. Wood frame units were up by 5.3% over October last year and these constituted about 57% of the total housing starts in October 2010.

#### October housing starts

|                     | Oct-10 | % Change to Oct-09 |
|---------------------|--------|--------------------|
| Total               | 71,390 | 6.4                |
| Owner's units       | 27,842 | 10.4               |
| Rental units        | 25,140 | -9.0               |
| Built for sale      | 17,894 | 37.1               |
| Wood frame units    | 40,991 | 5.3                |
| Prefabricated units | 11,560 | 2.5                |
| 2x4 units           | 8,690  | -4.5               |

Source: JLR

### Forest Revitalisation Plan finalised

JLR reports that the Ministry of Agriculture, Forestry and Fisheries has finalised the Forest Revitalisation Plan to be implemented from the beginning of 2011. The plan will be renewed every five years.

Under the plan, the committee of performance and management, as well as four research committees will be established covering the fields of logistics, reformation of forest associations in promotion of forestry, training and education, processing, and marketing and utilisation of domestic forest resources/timber.

According to the plan, 2,000-3,000 foresters, 2,000 forest business planners and 5,000 forest managers will be produced during the next ten years. In promoting the use of domestic forest resources, forest management plans and reforestation activities will be required from 2012 onwards. Low cost production and consolidation of the forest sector will be promoted according to the plan.

### Log and Sawwood Prices in Japan

|  |                              |
|--|------------------------------|
| Logs for Ply Manufacture, CIF          | Yen per Koku                 |
| Meranti (Hill, Sarawak)                | (Koku=0.278 m <sup>3</sup> ) |
| Medium Mixed                           | 6,900↓                       |
| Standard Mixed                         | 7,100↓                       |
| Small Log (SM60%, SSM40%)              | 6,900↓                       |
| Taun, Calophyllum, others (PNG)        | 8,000                        |
| Mixed light hardwood, G3/4 grade (PNG) | -                            |
| Keruing MQ & up (Sarawak)              | 10,500                       |
| Kapur MQ & up (Sarawak)                | 9,600                        |

|                               |              |
|-------------------------------|--------------|
| Logs for Sawmilling, CIF      | Yen per Koku |
| Melapi (Sarawak) High Select  | 11,500       |
| Agathis (Sarawak) High Select | -            |

|  |                        |
|--|------------------------|
| Lumber, FOB                                | Yen per m <sup>3</sup> |
| White Seraya (Sabah) 24x150mm, 4m, Grade 1 | 135,000                |
| Mixed Seraya, Sengi 24x48mm, 1.8-4m, S2S   | 53,000                 |

### Wholesale Prices (Tokyo)

| Indonesian & Malaysian Plywood          | Size (mm)   | Nov<br>(¥ per sheet) | Dec  |
|---|-------------|----------------------|------|
| 2.4mm (thin plywood, F 4star, type 2)   | 920 X 1830  | 320                  | 320  |
| 3.7mm (med. Thickness, F 4star, type2)  | 910 X 1820  | 450                  | 450  |
| 5.2mm (med. Thickness, F 4star, type 2) | 910 X 1820  | 560                  | 560  |
| 11.5mm for sheathing (F 4star, type 2)  | 910 X 1820  | 910                  | 910  |
| 12mm for foundation (F 4star, special)  | 910 X 1820  | 930                  | 930  |
| 12mm concrete-form ply (JAS)            | 900 X 1800  | 890                  | 890  |
| 12m coated concrete-form ply (JAS)      | 900 X 1800  | 1030                 | 1030 |
| 11.5mm flooring board                   | 945 X 1840  | 1300                 | 1280 |
| 3.6mm baseboard for overlays (OVL)      | 1230 X 2440 | 740                  | 740  |
| <b>OSB (North American)</b>             |             |                      |      |
| 12mm foundation of roof (JAS)           | 910 X 1820  | -                    | -    |
| 9mm foundation for 2 by 4 (JAS)         | 910 X 2440  | -                    | -    |
| 9mm conventional foundation (JAS)       | 910 X 2730  | -                    | -    |
| 9mm conventional foundation (JAS)       | 910 X 3030  | -                    | -    |

### Report from China

#### Timber imports through Shanghai grew sharply

According to the Shanghai Timber Association, timber imports through Shanghai totalled 4.31 million cu.m of timber in the first three quarters of 2010, up 47% from the same period last year. Imports were valued at US\$ 1 billion, increasing 89% from last year, indicating a sharp rise in unit prices.

In terms of imported volumes, Canada was the major supplier overtaking New Zealand which was the largest supplier last year. Other imports originated from the US, the Philippines and Australia.

In the first three quarters of 2010, timber imports from Canada totalled 1.17 million cu.m, up 55% over the same period last year. Spruce sawnwood and Douglas fir logs were the main imported timber products. The average unit price was US\$168 per cu.m, up 29% from last year. The unit price rise was more moderate for Canadian timber than for New Zealand timber, which was the main reason for the sharp increase of Canadian timber imports.

Timber imports from New Zealand amounted to 875,000 cu.m in the first three quarters of 2010, down 4% from the same period last year. Radiate pine logs were the main imported products. The average unit price was US\$137 per cu.m, up 55%.

In the first three quarters of 2010, timber imports from US surged 162% compared to the same period last year, amounting to 514 000 cu.m of timber. The average unit price was US\$349 per cu.m, increasing 29% over last year.

Timber imports from Australia totalled 242,000 cu.m in the first three quarters of 2010, 14% more than in the same period last year. Nearly 90% of imported timber was radiata pine logs. The average unit price was US\$162.3 per cu.m, up 30%.

Timber imports from the Philippines amounted to 319,000 cu.m in the first three quarters of 2010, a 103% jump over the same period of last year. Batai sawnwood (*Aibizia falcata*) were the main imported species. The average unit price was US\$98.4 per cu.m, increasing only slightly by 5%. According to analysts, the plywood export recovery resulted in improved demand for peeling quality logs from Chinese plywood manufacturers.

Besides the five countries mentioned above, timber was imported through Shanghai from Indonesia (166,000 cu.m, up 111%), Russia (91,500 cu.m, down 13%), Germany (90,700 cu.m, up 107%), France (63,200 cu.m, up 172%), Malaysia (53,000 cu.m, up 16%), Brazil (37,000 cu.m, down 2%), Finland (18,000 cu.m, up 111%), Belgium (28,000 cu.m, up 180%) and Romania (18,000 cu.m).

#### **Manzhouli is the largest land port city in China**

Manzhouli, a small frontier town in the Northeast China, has become an important transportation hub and the largest land port city in China because of its favourable geographical location on the borders of Mongolia and Russia. Timber imports through the Manzhouli port accounts for around 60% of total annual timber imports in China.

With the rapid development of China's economy as well as the implementation of the Natural Forest Protection Programme, imports of Russian logs and sawnwood through the Manzhouli port have been increasing in recent years. Imports of logs and sawnwood through the Manzhouli port amounted to 3.8 million cu.m in 2000, 5 million cu.m in 2001, 7.25 million cu.m in 2005 and topped 11 million cu.m in 2007. Since 2008, log imports have been declining due to the global economic situation and high taxes for Russian log exports. However, imports of sawnwood continued to grow.

Many timber companies from Japan, Russia, Hong Kong, Macau and Taiwan P.o.C have established timber processing mills in Manzhouli, because of good raw material supply. The Manzhouli processing base comprises now over one hundred manufacturers producing veneer, panels, laminated wood, wooden decoration, wooden doors, windows and furniture. The main export destinations are the US, Japan, Republic of Korea and European countries.

In 2009, annual timber processing capacity reached 7 million cu.m for sawnwood and 1.9 million cu.m for timber drying. From 2004 to 2009, the accumulated volume of processed wood amounted to 18.25 million cu.m with an annual average growth of 36%. During the period, the annual average growth of output value and profits were 62% and 29% respectively.

#### **Nanxun of Zhejiang Province is major centre for wood flooring**

The Chinese Forest Products Association and the government of Nanxun City, Zhejiang Province signed an agreement on building a wood flooring centre in Nanxun. According to the development programme for the wood flooring industry in Nanxun, the plan for the next phase is to build a 500 square metre wood flooring industrial park and six centres including product marketing centre, R&D centre, logistical centre, financial service centre, pricing centre and information centre.

The government of Nanxun City expects that sales of large scale enterprises (annual output value over RMB5 million) will reach RMB20 billion by 2012 and RMB40 billion by 2015, which would be 3.5 times over the 2009 level. Currently, there are more than 400 enterprises out of which 23 enterprises have annual sales over RMB100 million.

It is reported that wood flooring output and sales of solid wood flooring account for 30% and 60% of the national total respectively.

#### **Sino-US forum on illegal logging and related trade**

The third session of Sino-US forum on combating illegal logging and related trade was held on 18 November 2010 in Washington DC, USA. The forum was established in 2008 under the Memorandum of Understanding between the governments of China and US.

The Chinese delegation including representatives from the State Forestry Administration (SFA), Global Access China (GAC) and various forestry associations and enterprises, was led by Mr. Zhang Yongli, the vice administrator of SFA. The US delegation comprised representatives from several governmental departments and was led by the assistant secretary of state and the assistant trade representative.

The session discussed the mechanism for custom data exchange between the two countries, the implementation of the Amended Lacey Act and future cooperation, among other issues. The research project entitled "Timber legality in Sino-US forest product trade" was launched formally.



## US hardwood sales continue to grow in Chinese market

According to statistics, US hardwood exports to China totalled US\$454 million in the period from January to August 2010, accounting for 27% of the total US hardwood exports. Consequently, China is the major market for US hardwood exports.

China has been increasing imports of US hardwood for six consecutive years and for the rest of the year the growth is forecast to continue.

### Guangzhou City Imported Timber Market

|                            |                         |
|----------------------------|-------------------------|
| <b>Logs</b>                | Yuan per m <sup>3</sup> |
| Lauan (50-60cm)            | 1900-2100               |
| Kapur (up to 79cm)         | 2000-2100               |
| Merbau 6m, (up to 79cm)    | 3500-4000               |
| Teak                       | 11000-13000             |
| Wenge                      | 5000-5200               |
| <b>Sawnwood</b>            |                         |
| Teak sawn grade A (Africa) | 9500↑                   |
| US Maple 2" KD             | 7500-10000              |
| US Cherry 2"               | 10000-13000             |
| US Walnut 2"               | 14000-16000             |
| Lauan                      | 4000-4200               |
| Okoume                     | 4000-4500               |
| Sapele                     | 6000-6400↓              |

### Shanghai Furen Wholesale Market

|                             |                         |
|-----------------------------|-------------------------|
| <b>Logs</b>                 | Yuan per m <sup>3</sup> |
| Teak (Myanmar, all lengths) | 7500-8500               |
| <b>Sawnwood</b>             |                         |
| Beech KD Grade A            | 4800-5000               |
| US Cherry, 1 inch           | 9500-10000              |
| US Red Oak, 50mm            | 6500-7000               |
| Sapele 50mm FAS (Congo)     |                         |
| KD (2", FAS)                | 6300-6500↓              |
| KD (2", grade A)            | 5700-5800               |

### Shandong De Zhou Timber market

|                              |                         |
|------------------------------|-------------------------|
| <b>Logs</b>                  | Yuan per m <sup>3</sup> |
| Larch 6m, 24-28cm diam.      | 1200                    |
| White Pine 6m, 24-28cm diam. | 1350                    |
| Korean Pine 4m, 30cm diam.   | 1350                    |
| 6m, 30cm diam.               | 1450                    |
| Mongolian Scots Pine         |                         |
| 6m, 30cm diam.               | 1480↑                   |

### Hebei Shijiazhuang Wholesale Market

|                                      |                         |
|--------------------------------------|-------------------------|
| <b>Logs</b>                          | Yuan per m <sup>3</sup> |
| Korean Pine 4m, 38cm+ diam           | 1700↑                   |
| Mongolian Scots Pine 4m, 30cm diam.  | 1700↑                   |
| 6m, 30cm+ diam.                      | 1750↑                   |
| <b>Sawnwood</b>                      |                         |
| Mongolian Scots Pine 4m, 5-6cm thick | 1700↑                   |
| 4m, 10cm thick                       | 1750↑                   |

### Zhejiang Jiashan Kaihua International Timber Market

|                          |                         |
|--------------------------|-------------------------|
| <b>Logs</b>              | Yuan per m <sup>3</sup> |
| Okoume 80cm+             | 2900-3400               |
| Sapele 80cm+             | 6000-6600               |
| Wenge 80cm+              | 13000-14500             |
| <b>Sawnwood</b>          |                         |
| Doussie                  | 3600-4000               |
| European beech boules    | 3200-3400               |
| Radiata                  | 800-1200                |
| <b>Plywood</b>           |                         |
| US Black Walnut 4x8x3 mm | 6000-8000               |
| Beech 4x8x3 mm           | 6000-8000               |
| Teak 4x8x3 mm            | 6000-8000               |
| Poplar (4x8x3-5 mm)      | 3000-4000               |

For more information on China's forestry see: [www.forestry.ac.cn](http://www.forestry.ac.cn)

## Report from Europe

### EU tropical hardwood log imports fall to the lowest level ever

The latest EU trade data indicates that imports of tropical hardwood logs into the region have continued to fall during the course of 2010. Overall imports during the first nine months of 2010 amounted to only 253,300 cu.m, 22% down compared to the same period the previous year. The big decline in imports from Gabon following the country's log export ban imposed from May 2010 has been only partially offset by increasing imports from other countries in the Congo basin.

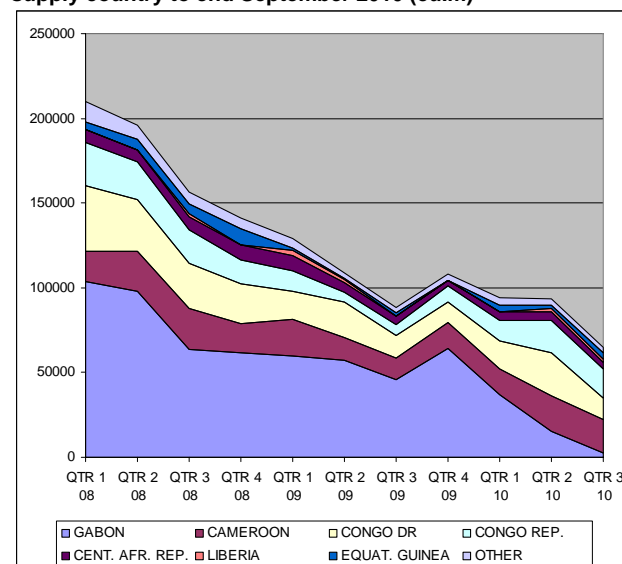
### EU-25 imports of tropical hardwood logs by main supplier

| Despatch country | Year         |              | Volume 1000 m <sup>3</sup> |              | Jan-Sept 2010 | % chng       |
|------------------|--------------|--------------|----------------------------|--------------|---------------|--------------|
|                  | 2008         | 2009         | 2008                       | 2009         |               |              |
| GABON            | 404.1        | 327.2        | 226.6                      | 162.7        | 54.9          | -66.2        |
| CAMEROON         | 149.8        | 82.6         | 64.1                       | 48.3         | 55.8          | 15.5         |
| CONGO DR         | 160.7        | 120.4        | 62.6                       | 50.6         | 54.9          | 8.5          |
| CONGO REP.       | 89.4         | 80.0         | 33.1                       | 23.6         | 48.5          | 105.9        |
| CENT. AFR. REP.  | 48.1         | 32.0         | 22.7                       | 19.8         | 13.4          | -32.4        |
| LIBERIA          | 0.0          | 1.5          | 5.9                        | 5.9          | 4.3           | -27.5        |
| EQUAT. GUINEA    | 62.0         | 26.1         | 3.8                        | 3.8          | 9.1           | 141.6        |
| OTHER            | 53.2         | 33.4         | 14.9                       | 11.2         | 12.4          | 11.2         |
| <b>TOTAL</b>     | <b>967.4</b> | <b>703.1</b> | <b>433.7</b>               | <b>325.8</b> | <b>253.3</b>  | <b>-22.2</b> |

Note EU-25 includes all members of the EU except Romania and Bulgaria that only acceded in January 2008. Data is Forest Industries Intelligence Ltd analysis of Eurostat trade data supplied by BTS Ltd.

The quarterly data indicates that the cessation of Gabon as a supplier of tropical hardwood logs to the international market in the first half of 2010 did not lead to any significant increase in European imports of this commodity from other countries during the third quarter of the year. EU-25 imports of tropical hardwood logs during July to September 2010 amounted to 65,000 cu.m, almost certainly the lowest quarterly volume ever recorded and only a quarter of the level recorded 2 years before.

### EU-25 quarterly imports of tropical hardwood logs by main supply country to end September 2010 (cu.m)



Note EU-25 includes all members of the EU except Romania and Bulgaria that only acceded in January 2008. Data is Forest Industries Intelligence Ltd analysis of Eurostat trade data supplied by BTS Ltd.

## EU hardwood sawnwood imports slip in third quarter of 2010

Although EU imports of hardwood sawnwood for the first 9 months of 2010 were 2.8% higher than the same period in 2009, the recovery in imports lost momentum in the third quarter of the year. This may be seasonal and be due to short-term stocking issues rather than to indicate a long-term reversal in underlying consumption trends. A similar decline in imports in the third quarter of 2009 was followed by recovery in the last quarter of the year. A clear indication of whether the recovery this year is sustainable or stalling will only come with the publication of the full year figures.

### EU-25 imports of hardwood sawnwood by main supplier

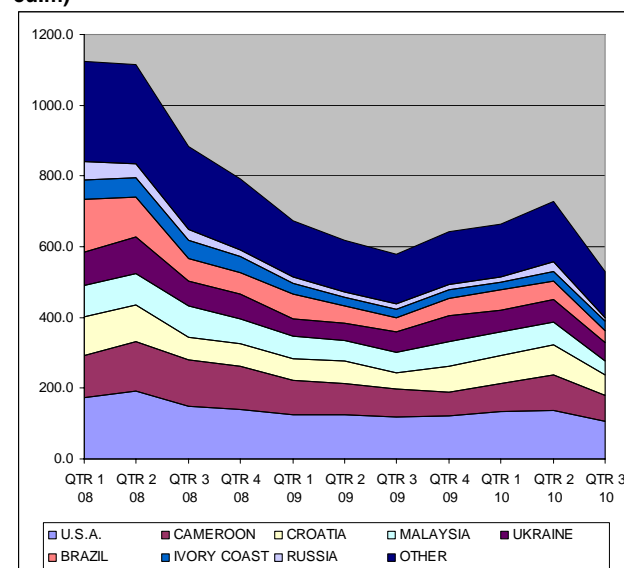
| Despatch country | Volume 1000 m3 |               |               |               |               | % chng     |
|------------------|----------------|---------------|---------------|---------------|---------------|------------|
|                  | 2007           | Year 2008     | 2009          | 2009          | Jan-Sept 2010 |            |
| U.S.A.           | 771.8          | 651.3         | 488.4         | 367.5         | 376.0         | 2.3        |
| CAMEROON         | 609.4          | 517.0         | 329.9         | 262.8         | 253.3         | -3.6       |
| CROATIA          | 420.4          | 339.2         | 251.0         | 177.3         | 224.6         | 26.7       |
| MALAYSIA         | 350.6          | 334.7         | 243.3         | 174.2         | 167.8         | -3.7       |
| UKRAINE          | 398.5          | 334.1         | 231.1         | 157.5         | 178.8         | 13.5       |
| BRAZIL           | 696.9          | 393.4         | 208.4         | 158.1         | 141.3         | -10.6      |
| IVORY COAST      | 241.6          | 204.0         | 101.2         | 78.6          | 77.9          | -0.8       |
| RUSSIA           | 165.8          | 141.5         | 66.6          | 49.1          | 52.5          | 7.1        |
| GABON            | 104.8          | 93.8          | 62.0          | 45.5          | 51.8          | 13.8       |
| BOSNIA & HERZ.   | 164.3          | 105.5         | 59.8          | 43.7          | 47.8          | 9.3        |
| BELARUS          | 97.3           | 85.3          | 46.9          | 35.2          | 34.9          | -0.8       |
| CANADA           | 90.2           | 64.8          | 41.4          | 31.4          | 36.6          | 16.7       |
| SERBIA           | 107.9          | 72.9          | 45.1          | 33.3          | 37.7          | 13.4       |
| ROMANIA          | 107.7          | 79.5          | 43.0          | 31.6          | 35.2          | 11.1       |
| GHANA            | 97.4           | 78.4          | 41.1          | 31.9          | 31.2          | -2.1       |
| INDONESIA        | 57.7           | 56.1          | 39.8          | 31.0          | 27.8          | -10.6      |
| CONGO REP.       | 66.9           | 56.7          | 27.5          | 21.5          | 26.6          | 23.8       |
| CONGO DR         | 54.0           | 51.0          | 31.7          | 24.3          | 13.3          | -45.4      |
| OTHER            | 280.5          | 252.3         | 155.0         | 117.5         | 109.9         | -6.5       |
| <b>TOTAL</b>     | <b>4883.7</b>  | <b>3911.4</b> | <b>2513.3</b> | <b>1872.0</b> | <b>1924.9</b> | <b>2.8</b> |

Note EU-25 includes all members of the EU except Romania and Bulgaria that only acceded in January 2008. Data is Forest Industries Intelligence Ltd analysis of Eurostat trade data supplied by BTS Ltd.

EU imports of sawn hardwood from the leading tropical supply countries, Malaysia and Cameroon, were marginally down during the first nine months of 2010 compared to the same period in 2009. Imports from Brazil have lost significant ground, largely due to supply constraints and unfavourable exchange rates. However, EU imports of tropical sawnwood from Gabon and the Congo Republic have recovered strongly this year.

One of the most noticeable trends in EU sawn hardwood imports this year has been the growth in market share of several Eastern European countries, including Croatia, Ukraine, and Bosnia. Meanwhile, imports from the US, which remains the largest external supplier of sawn hardwood to the EU, have recovered slightly on figures recorded the previous year.

## EU-25 quarterly imports of sawn hardwood by main supply country to end September 2010 (1000 cu.m)



Note EU-25 includes all members of the EU except Romania and Bulgaria that only acceded in January 2008. Data is Forest Industries Intelligence Ltd analysis of Eurostat trade data supplied by BTS Ltd.

## EU veneer imports rise following Gabon log export ban

During the first nine months of 2010, EU imports of hardwood veneer were up nearly 15% on the same period the previous year. This is partly the result of a switch to hardwood rotary veneer imports by European plywood manufacturers in place of logs from Gabon following the log export ban in May. However, rising levels of veneer imports from countries better known for supply of sliced veneer – such as Ivory Coast, USA, and Romania – suggests this component of the veneer market has also seen some recovery this year.

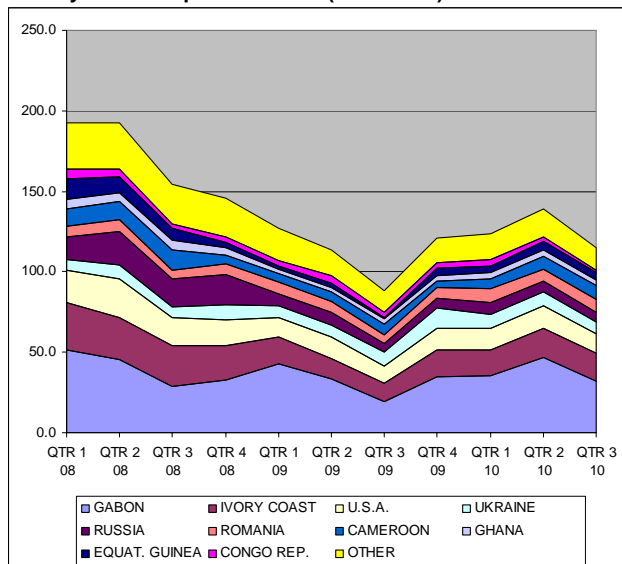
### EU-25 imports of hardwood veneer by main supplier

| Despatch country | Volume 1000 m3 |              |              |              |               | % chng      |
|------------------|----------------|--------------|--------------|--------------|---------------|-------------|
|                  | 2007           | Year 2008    | 2009         | 2009         | Jan-Sept 2010 |             |
| GABON            | 198.5          | 158.2        | 130.4        | 95.4         | 114.1         | 19.7        |
| IVORY COAST      | 108.7          | 102.7        | 57.7         | 41.0         | 51.7          | 26.0        |
| U.S.A.           | 105.8          | 77.9         | 49.2         | 36.4         | 39.9          | 9.5         |
| UKRAINE          | 31.8           | 31.7         | 35.6         | 22.9         | 24.7          | 8.1         |
| RUSSIA           | 31.5           | 70.0         | 27.1         | 21.1         | 19.5          | -7.7        |
| ROMANIA          | 43.3           | 25.5         | 25.7         | 18.6         | 23.4          | 25.9        |
| CAMEROON         | 44.4           | 41.1         | 22.1         | 18.3         | 23.8          | 30.2        |
| CONGO REP.       | 5.3            | 16.1         | 14.7         | 11.0         | 8.1           | -26.2       |
| CROATIA          | 20.3           | 19.5         | 13.3         | 10.1         | 10.8          | 6.5         |
| GHANA            | 26.8           | 21.6         | 12.3         | 8.8          | 10.5          | 19.6        |
| EQUAT. GUINEA    | 34.3           | 33.4         | 9.9          | 5.4          | 14.4          | 164.4       |
| CHINA            | 24.9           | 22.1         | 9.7          | 7.2          | 9.3           | 29.8        |
| BOSNIA           | 11.2           | 10.7         | 7.3          | 5.4          | 5.7           | 5.1         |
| TURKEY           | 8.1            | 8.7          | 6.0          | 4.7          | 5.1           | 8.7         |
| SERBIA           | 11.4           | 13.8         | 5.9          | 4.7          | 2.2           | -53.2       |
| CANADA           | 5.4            | 5.0          | 3.6          | 2.7          | 1.1           | -59.4       |
| BULGARIA         | 2.3            | 2.6          | 3.1          | 2.3          | 2.0           | -10.5       |
| OTHER            | 29.5           | 25.0         | 15.9         | 12.4         | 10.9          | -11.8       |
| <b>TOTAL</b>     | <b>743.4</b>   | <b>685.5</b> | <b>449.6</b> | <b>328.4</b> | <b>377.4</b>  | <b>14.9</b> |

Note EU-25 includes all members of the EU except Romania and Bulgaria that only acceded in January 2008. Data is Forest Industries Intelligence Ltd analysis of Eurostat trade data supplied by BTS Ltd.

Analysis of the quarterly data suggests that overall EU imports of hardwood veneer turned downwards between the second and third quarters of 2010. This was mainly because of a big reduction in imports from Gabon during this period suggesting the trend is due to short term overstocking of raw material in the European okoume plywood. Third quarter imports of veneer from countries better known for manufacture of sliced decorative veneer maintained the levels recorded in the previous quarter.

**EU-25 quarterly imports of hardwood veneer by main supply country to end September 2010 (1000 cu.m)**



Note EU-25 includes all members of the EU except Romania and Bulgaria that only acceded in January 2008. Data is Forest Industries Intelligence Ltd analysis of Eurostat trade data supplied by BTS Ltd.

#### Some positive signals from UK hardwood market

The UK-based timber trade journal TTJ reports that the UK sawn hardwood market remains highly competitive and is slowing now in the run up to the Christmas vacation, but also that the majority of traders are still optimistic that the market is in recovery.

According to the TTJ, there is still a great reluctance on the part of many traders to hold stock and a heavy reliance on just-in-time orders from the few larger importers, both in the UK and on the continent, that have maintained their commitment to holding diversified stock holdings.

TTJ quotes one of the larger continental based importers as suggesting that this trading pattern may be storing up problems for the future, particularly in supply of specialities which “are not just a phone call away”. This importer noted that “the UK in particular seems to be buying last minute and that could create difficulties [in supply of specialities] as demand recovers elsewhere in Europe, which it is now doing”.

TTJ also reports that while UK consumption of African sapele sawnwood has been reasonably healthy, there’s still a lot of old landed stock around with the result that prices for onward sale in the UK remain below replacement value. Meanwhile the combination of sapele availability and strengthening the US dollar rate against the Euro has meant that forward demand for meranti has remained slow. But demand for iroko remains firm, and there are signs of growing interest in other tropical species previously underutilised in the UK including idigbo, framire, massaranduba, angelique and tigerwood.

TTJ forecasts that UK sawn hardwood demand in 2011 will be at a similar level to 2010. Expected decreases in consumption due to a rise in VAT from January next year and a significant decline in public spending should be offset by the gradual economic recovery and a boost for construction and refurbishment activities in advance of the 2012 London Olympics.

#### The Netherlands Sawnwood Prices

|                                    | US\$ per m <sup>3</sup> |
|------------------------------------|-------------------------|
| FOB (Rotterdam)                    |                         |
| Sapele KD                          | 907▲                    |
| Iroko KD                           | 1109▲                   |
| Sipo KD                            | 1109▲                   |
| DRM Bukit KD                       | 925                     |
| DRM Seraya KD                      | 932                     |
| DRM Meranti KD Seraya MTCC cert.   | 946                     |
| Merbau KD                          | 1208                    |
| Sapupira (non FSC) KD              | 946                     |
| Sapupira (FSC) KD                  | 1483                    |
| Anti-slip decking AD C&F Rotterdam |                         |
| Selangan batu                      | 1497                    |

#### UK Log Prices

|                             | € per m <sup>3</sup> |
|-----------------------------|----------------------|
| FOB plus commission         |                      |
| N'Gollon (khaya) 70cm+ LM-C | 350-380              |
| Ayous (wawa) 80cm+ LM-C     | 250-270              |
| Sapele 80cm+ LM-C           | 320-340              |
| Iroko 80cm+ LM-C            | 410-450              |
| African Walnut 80cm+ LM-C   | 340-370              |

#### UK Sawnwood Prices

|                                       | GB Pounds per m <sup>3</sup> |
|---------------------------------------|------------------------------|
| FOB plus Commission                   |                              |
| Framire FAS 25mm                      | 495-505                      |
| Sipo FAS 25mm                         | 700-725▲                     |
| Sapele FAS 25mm                       | 580-600▲                     |
| Iroko FAS 25mm                        | 705-725                      |
| Wawa FAS25mm                          | 310-335                      |
| CIF plus Commission                   |                              |
| Tulipwood FAS 25mm                    | 375-400▲                     |
| Meranti Tembaga Sel/Btr (KD 2"boards) | 565-585                      |
| Balau/Bangkirai Decking               | 945-980                      |
| White Oak                             | 640-680▲                     |

#### UK Plywood and MDF Prices

|  | US\$ per m <sup>3</sup> |
|--|-------------------------|
| Plywood Panels 8x4", CIF                         |                         |
| Brazilian WBP BB/CC 6mm                          | 560-580                 |
| Malaysian WBP BB/CC 6mm                          | 560-580                 |
| China (hardwood face, eucalyptus core) 18mm      | 380-390                 |
| China (tropical hardwood face, poplar core) 18mm | 360-380                 |

### **US Department of Commerce continues investigations on imports of multi-layered wood flooring from China**

The US International Trade Commission determined on 3 December 2010, that there is a reasonable indication that the US industry is materially injured by imports of multi-layered wood flooring from China. The flooring from China is allegedly subsidized and sold in the US market at less than fair value according to the commission's determination. The US Department of Commerce will therefore continue to conduct its countervailing and antidumping duty investigations.

Copies of the report explaining the commission's views are expected to be available after 3 January 2011, by emailing [pubrequest@usitc.gov](mailto:pubrequest@usitc.gov) (Multilayered Wood Flooring from China, Investigation Nos. 701-TA-476 and 731-TA-1179 (Preliminary), USITC Publication 4206, December 2).

### **Better outlook for US window and door market**

Demand for windows and doors in the US is expected to rise 6.6% per year to US\$31.2 billion in 2014, according to a Freedonia report released in November. While demand will remain below the level seen before the housing market crash, new construction is forecast to recover and drive demand for windows and doors. Wooden windows and doors accounted for just 34% of the total market in 2009.

Demand for wooded windows and doors was US\$11.6 billion in 2004 and fell to US\$7.7 billion in 2009 (-7.9% annually). Demand is forecast to grow by 7.2% per year to US\$10.9 billion in 2014. High-end homes are the most important market for wooden windows and doors. Plastic windows and doors are expected to have the highest growth rates in the coming years. The largest growth will be in fiberglass exterior doors that take market share from wooden and steel doors.

### **Weakening furniture orders, shipments and retail confirmed**

The US market for residential furniture weakened at the end of summer, and the latest survey results by consulting firm Smith Leonard confirm this trend. While this is not surprising given the negative economic news in the US, furniture manufacturers hope that the decline will not continue into next year. A positive sign is that in December the Furniture Buying Index remained steady from November when it was at its highest 2010 level. The Furniture Buying Index is compiled each month by America's Research Group from interviews with 5,000-8,000 consumers across the country.

New order for residential furniture declined in September according to the Smith Leonard survey of manufacturers and distributors. This was the first time this year that orders declined compared to 2009 (down 3% from September 2009). Year-to-date, new orders are still 6% above 2009. Furniture shipments on the other hand were up by 6% compared to September 2009 (up 8% year-to-

date). The increase in shipments may be related to imported products rather than US-manufactured furniture, according to Smith Leonard. Furniture inventories continued increasing, likely because retail sales tapered off in late summer. Inventories were 18% higher than in September last year.

### **New forest certification benchmark fails in vote by US Green Building Council members**

The proposed new certified wood credit system for the green building programme LEED (Leadership in Energy and Environmental Design) did not receive enough votes to replace the previous system, which sees only FSC-certified wood earning points towards LEED certification of a building. LEED is the best known and most significant green building rating and certification programme in North America.

For about two years, the LEED Certified Wood Credit has been undergoing a process of revision. At the centre of this process is the USGBC forest certification benchmark that would have been used to evaluate certification systems including criteria on governance, technical substance, accreditation and auditing, and chain of custody and labelling.

In the run-up to the US Green Building Council vote, forest certification organisations, industry and environmental groups have been outspoken with most opposing the new forest certification benchmark. Industry groups and the forest certification organisation SFI argued that FSC-certified wood would keep its preferred status in LEED and that by promoting FSC-certified wood, LEED is supporting imported wood products at the expense of the North American industry (where SFI and CSA forest certifications predominate). FSC criticised the weakening of governance rules in the new draft and that the mechanism is too weak and unclear.

Since the new wood credit system failed to pass, the current policy remains unchanged at least until late 2012 when the next version of LEED will be released. Certified wood use accounts for just one point in LEED, while at least 40 points are required for a building to achieve the lowest level of LEED certification. Given the strong growth in green building, however, the forest industry and forest certification groups have a strong interest in the LEED Certified Wood Credit.

### **From northern British Columbia to Panama**

A small Canadian company that was founded to use salvaged timber from logging operations, beaches, rivers and old buildings in British Columbia, has now expanded into Panama. Coast EcoTimber remills the salvaged wood and sells it to designers and architects. The company has recently started harvesting hardwoods from the Chagres River in Panama that was dammed in 1913 as part of the Panama Canal. The first shipment of FSC-certified ipe, cumaru and other species from the canal arrived in June 2010 in Vancouver, British Columbia. The company is planning to build kilns, a sawmill and an architectural wood manufacturing plant in Panama.



## Internet News

***Below are web links to news items published by the press. These items do not necessarily reflect the views and policies of ITTO.***

The studies on conservation of genetic resources, destruction of forests, extinction of species and the effects of global warming are lacking substantive content on fungi or any micro-organisms. In facet, there is an urgent need to broaden the biodiversity debate by focusing on its fungal dimension. The alarming rate of destruction of unexplored tropical and temperate mushroom habitats makes mushroom conservation a key issue for Indian mushroom research.

<http://www.deccanherald.com/content/114880/myriad-colours-mushrooms.html>

Australian Prime Minister Julia Gillard said her government would decide next year how to charge Australia's major polluters for the carbon gases that they emit in a bid to curb the nation's greenhouse gas emissions.

<http://www.cnn.com/id/40407736>

Dubai Export Development Corporation (EDC), an agency of the Dubai Department of Economic Development, said it had supported 50 local companies from the building, construction and real estate sectors at the recent Saudi Build exhibition. The UAE companies met 25 Saudi buyers and discussed business prospects during a matchmaking event organised by EDC which resulted in overwhelming sales and 30 business leads. The Emirati firms expect Dh100 million (US\$27.2 million) worth of exports to Saudi Arabia next year as a result of their successful participation at Saudi Build.

[http://www.tradearabia.com/news/CONS\\_189621.html](http://www.tradearabia.com/news/CONS_189621.html)

New automated weather stations could boost Ethiopia's fledgling agricultural insurance schemes, expanding the use of payouts triggered by abnormally low rainfall and reducing costly visual verification of yield losses. Some 85 % of Ethiopians farms are the main livelihoods for families who have only few options to mitigate the increasing crop failures due to the climate change.

<http://allafrica.com/stories/201011260919.html>

Situated at the crossroads of the Asia-Europe and Asia-Africa trade routes, the United Arab Emirates (UAE) is at a vantage position for conducting trade between countries in the Eastern and Western hemispheres. Geographic positioning has proved to be a major advantage for the logistics industry in the UAE. Good accessibility by air, sea, and land has enabled the UAE to gain prominence in terms of transport and global logistics, with burgeoning trade volumes in both regional and global trades. New analysis from Frost & Sullivan ([www.automotive.frost.com](http://www.automotive.frost.com)), Strategic Analysis of Logistics Market in United Arab Emirates, finds that the market is set to record revenues of US\$7.03 billion in 2010 and estimates this to reach US\$9.40 billion in 2014.

<http://www.bi-me.com/main.php?id=49748&t=1&c=132&cg=3&mset=1021>

UK house prices fell for a fifth month in November as demand for property dropped the most in almost two years, Hometrack Ltd. said. The average cost of a home fell 0.8 % from October to 155,000 pounds (US\$242,900), the London-based property researcher said. Demand for homes, measured by the change in new buyers registering with real-estate agents, fell 4.3 %, the biggest decline since January 2009. The report adds to evidence of a weakening property market after Rightmove Plc said on 15 November that home sellers cut asking prices by the most since 2007 this month and UK banks approved the smallest number of mortgage since 2009 in October. The government has announced the biggest budget squeeze since World War II and officials have warned the cuts may harm the recovery.

<http://www.bloomberg.com/news/2010-11-29/u-k-home-prices-decline-as-property-demand-drops-most-in-almost-two-years.html>

When United Nations climate negotiators meet in Mexico and debate protecting tropical rainforests, Golden Agri-Resources Ltd. and rival oil- palm growers in Southeast Asia will be paying attention. Any UN-led accord that restricts clearing rainforest for planting more palm trees would limit the supply of the edible oil crushed from their fruit and be a boon to prices for growers, said Dorab Mistry, a director at oil trader Godrej International Ltd. More than 80 % of the world's palm oil comes from the rainforest nations of Malaysia and Indonesia. "It's a no-brainer that such exercises are bullish for prices," said Mistry, who has traded edible oils for more than 30 years. Global supply of edible oils will fail to keep pace with demand for a third year, he said in an interview.

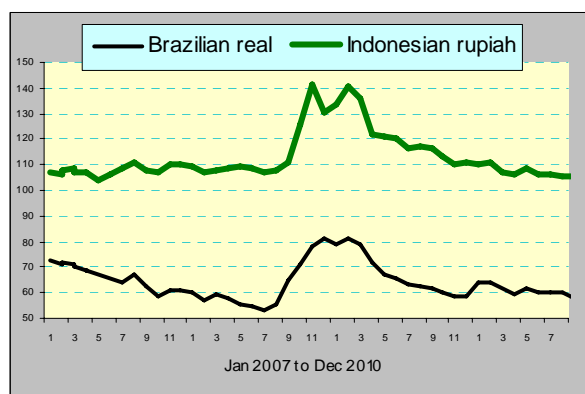
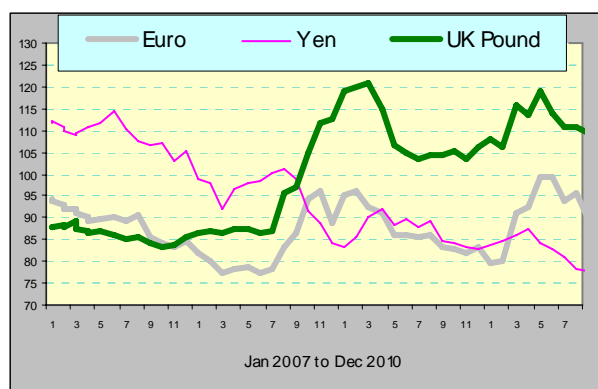
<http://www.bloomberg.com/news/2010-11-24/palm-oil-growers-may-be-winners-from-un-forest-protection-accord-in-mexico.html>

## Main US Dollar Exchange Rates

As of 13th December 2010

|               |           |         |
|---------------|-----------|---------|
| Brazil        | Real      | 1.6935  |
| CFA countries | CFA Franc | 494     |
| China         | Yuan      | 6.6664  |
| EU            | Euro      | 0.7467  |
| India         | Rupee     | 45.1875 |
| Indonesia     | Rupiah    | 9017    |
| Japan         | Yen       | 83.44   |
| Malaysia      | Ringgit   | 3.1397  |
| Peru          | New Sol   | 2.8233  |
| UK            | Pound     | 0.6306  |

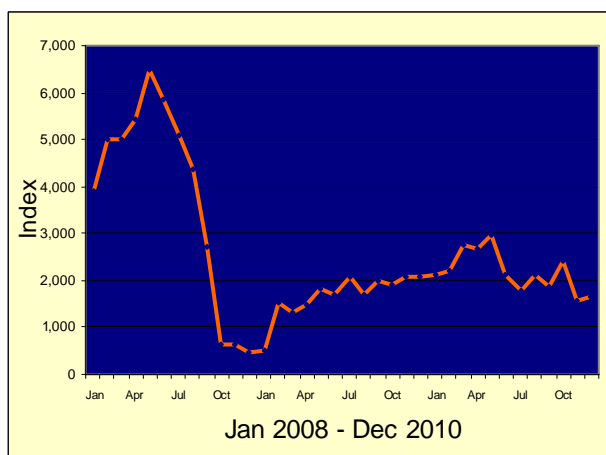
Exchange rates index (Dec 2003=100)



## Abbreviations and Equivalences

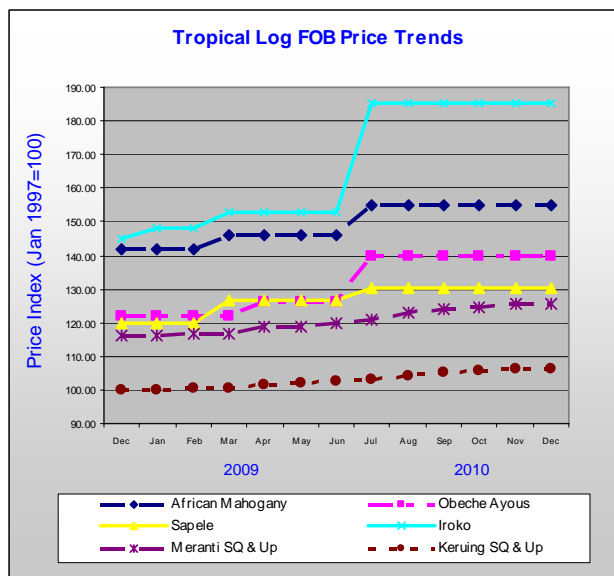
|             |  |
|-------------|--|
| LM          | Loyale Merchant, a grade of log parcel   |
| QS          | Qualite Superieure   |
| CI, CE, CS  | Choix Industriel, Economique or Supplimentaire   |
| FOB         | Free-on-Board  |
| CIF; CNF    | Cost, insurance and freight; Cost and freight  |
| KD; AD      | Kiln Dry; Air Dry  |
| Boule       | A log sawn through and through, the boards from one log are bundled together.  |
| BB/CC, etc. | Log/plywood grades. Letter(s) on the left indicate face veneer(s), on the right backing veneer(s). Grade decreases in order B, BB, C, CC, etc. |
| BF; MBF     | Board Foot; 1000 Board Feet  |
| TEU         | Twenty-foot equivalent unit  |
| Hoppus ton  | 1.8 m <sup>3</sup>   |
| Koku        | 0.278 m <sup>3</sup> or 120 BF   |
| SQ; SSQ     | Sawmill Quality; Select Sawmill Quality  |
| FAS         | Sawnwood Grade First and Second  |
| GMS         | General Market Specifications  |
| GSP         | Guiding Selling Price  |
| MR; WBP     | Moisture Resistant; Water and Boil Proof   |
| OSB         | Oriented strand board  |
| MDF         | Medium Density Fibreboard  |
| PHND        | Pin hole no defect grade   |
| \$; ↑↓      | US dollar; Price has moved up or down  |

## Ocean Freight Index

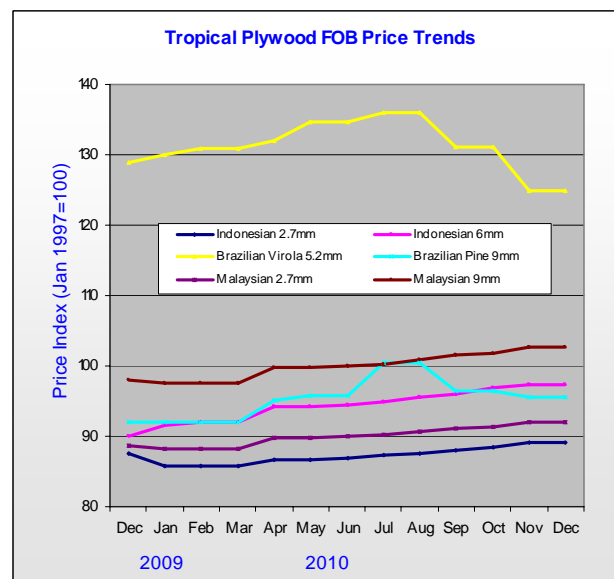


The BSI (Baltic Supramax Index), published by the Baltic Exchange, is the weighted average on 5 major time-charter routes. It is based on a 52,454 mt bulk carrier carrying commodities such as timber.

## Tropical Log Price Trends

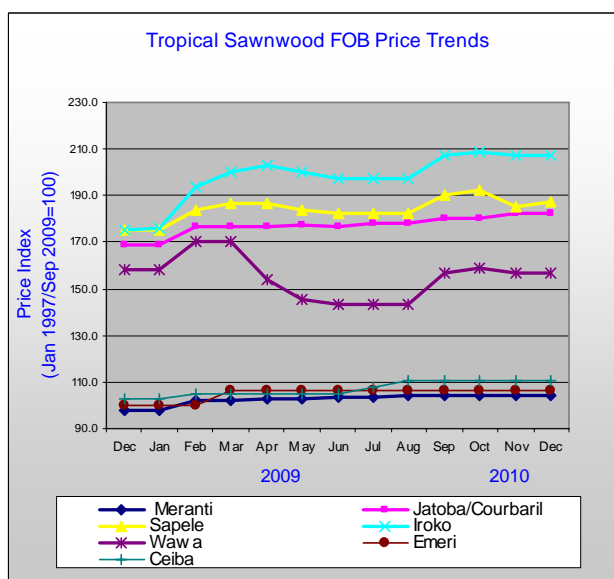


## Tropical Plywood Price Trends



More price trends in Appendix 4, ITTO's Annual Review  
<http://www.itto.or.jp/live/PageDisplayHandler?pageld=199>

## Tropical Sawnwood Price Trends



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